Warning

- Daikin Industries, Ltd.'s products are manufactured for export to numerous countries throughout the world. Daikin Industries, Ltd. does not have control over which products are exported to and used in a particular country. Prior to purchase, please therefore confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

JMI-0107

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.

JQA-1452

Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM

EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

Dealer

DAIKIN INDUSTRIES, LTD.
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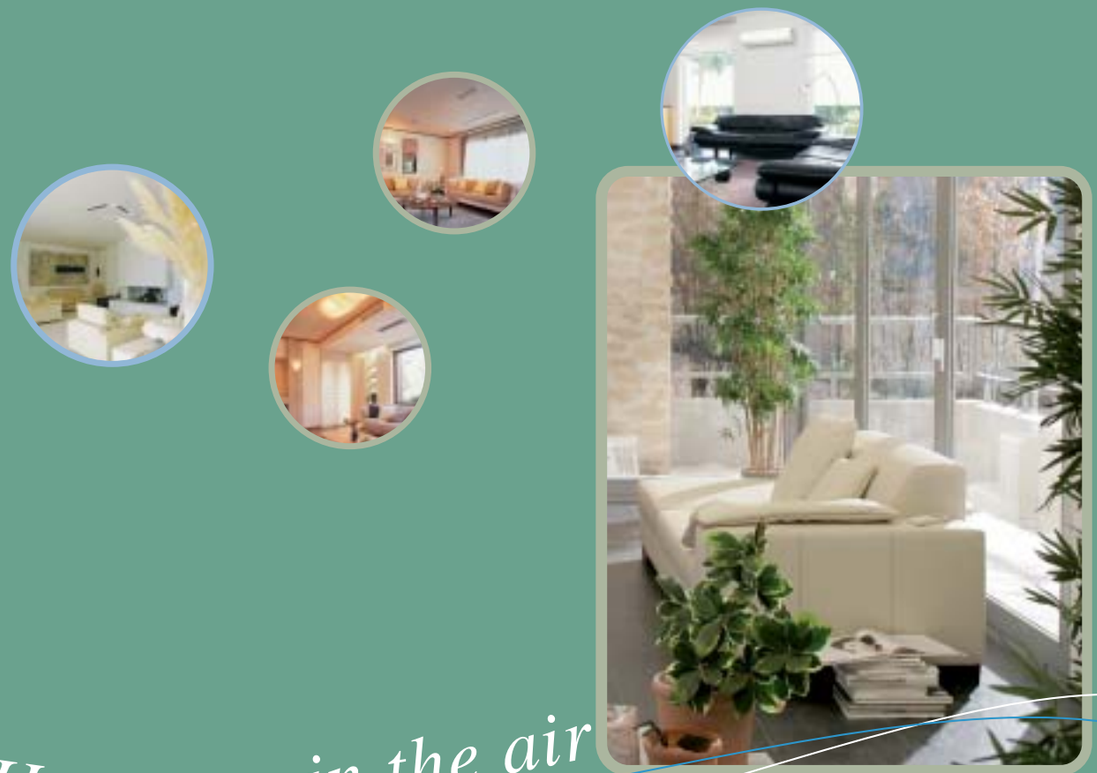
PCRSG0724B

DAIKIN

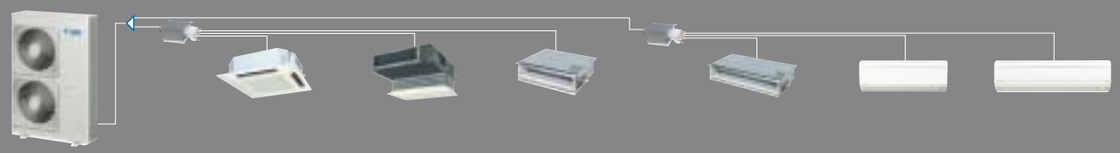
SUPER MULTI PLUS

Multi-Split Type Air Conditioners E Series
with DC Inverter Power Control
Cooling Only [50 Hz]



Harmony in the air

Connectable to max. 8 indoor units



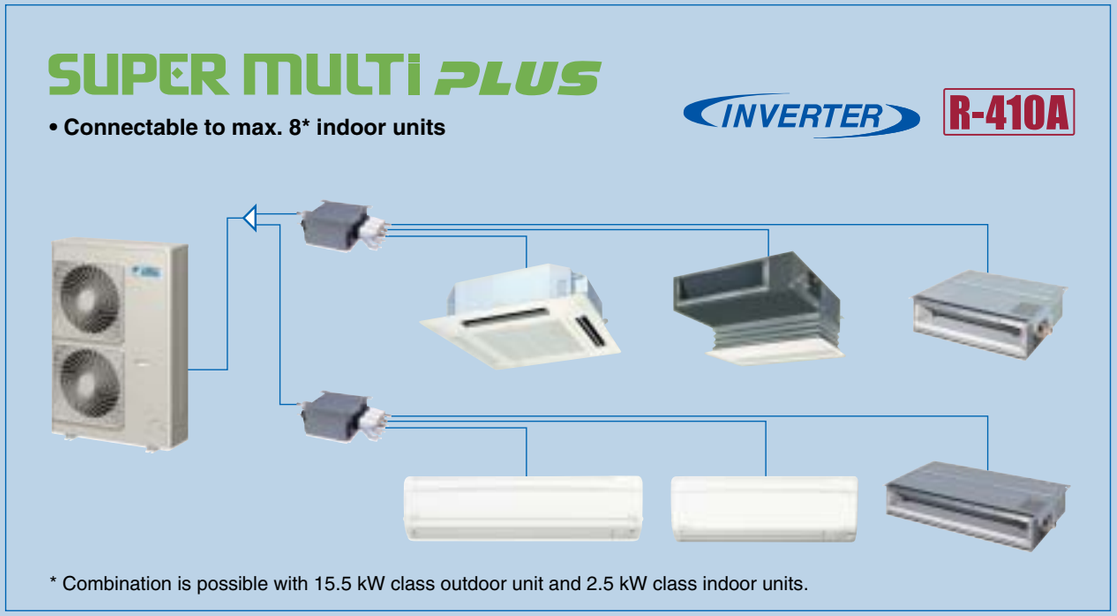
INVERTER

R-410A

An 11.2 to 15.5 kW Multi-Split system

that suits large and luxurious houses

Daikin's Super Multi Plus E series, using the HFC "R-410A," is connectable to up to 8 indoor units, and offers you a richer choice of indoor units to coordinate with each room décor. Advanced technology from Daikin has improved COP and reduced sound levels to suit today's modern living environment.



* Combination is possible with 15.5 kW class outdoor unit and 2.5 kW class indoor units.

Main features of Daikin's SUPER MULTI PLUS

■ Wide range of outdoor units

3 models of outdoor units are available in the wide range of **11.2, 14 and 15.5 kW** classes. A maximum of **8* indoor units** can be connected.

* Combination is possible with 15.5 kW class outdoor unit and 2.5 kW class indoor units.

■ Wide variety of indoor units

22 models of indoor units grouped into 4 types—ceiling-mounted cassette, ceiling-mounted built-in, duct-connected, and wall-mounted types—provide a wide range of options for interior coordination.

■ High energy savings

The **newly improved scroll compressor, DC inverter and DC fan motor** technologies realise further energy savings, achieving **high COP values**.

■ Quiet operation

Latest technologies and features achieve the quiet sound level of **43 dB (A)** during night quiet mode operation for outdoor units, realising comfortable operation.

■ Great flexibility in installation

Long piping lengths of **145 m** for the 15.5 kW class outdoor unit and simplified wiring reduce restrictions on the installation position, while the improved BP unit is easier to disassemble, making repairing and recycling simpler.

Wide range of choices

To suit every room in large houses, small shops and small offices, the Super Multi Plus E series offers a wide range of indoor and outdoor units.

A wide range of both indoor and outdoor units

Outdoor units

3 models

11.2 kW, 14 kW, 15.5 kW

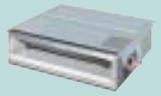
The outdoor unit can be selected from three models for the precise power to suit the size of house, shop or office.

RMKS112EVM (11.2 kW)
RMKS140EVM (14 kW)
RMKS160EVM (15.5 kW)

Indoor units

22 models 4 types

A wide range of indoor units includes 22 models in 4 types.
Indoor units can be selected to match each room and preference.

Type	Cooling only					
	Model name	25	35	50	60	71
	Rated capacity (kW)	2.5	3.5	5.0	6.0	7.1
Ceiling-mounted cassette type 600 x 600	FCQ-BVE		●	●	●	●
	FFQ-BV1B	●	●	●	●	
Ceiling-mounted built-in type	FBQ-BV1				●	●
Duct-connected type 	FDKS-EAVMB (700 mm width type)	●	●			
	FDKS-C(A)VMB (900/1,100 mm width type)	●	●	●	●	
Wall-mounted type	FTKS-DVM	●	●			
	FTKS-BVMA			●		
	FTKS-FVM			●	●	●

A wide variety of stylish indoor units

R-410A

Ceiling-mounted cassette type

A ceiling-mounted cassette air conditioner is suited for a drop ceiling. The visible part has a smooth and simple finish that harmonises with any modern interior space.

Ceiling-mounted built-in type

This ceiling-mounted built-in air conditioner is for installation in a drop ceiling. The small, visible part has a plain finish and does not intrude on any type of interior décor.

Duct-connected type

This slim and compact, duct-connected air conditioner requires just 240 mm depth between a drop ceiling and ceiling slab for installation. Only its smooth and simple finish is visible, so your interior décor is not affected.

Wall-mounted type

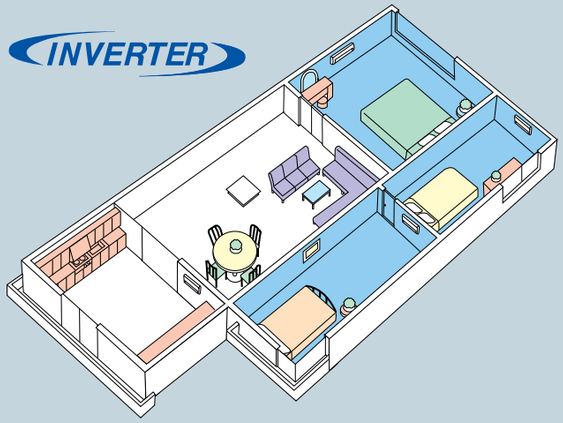
The refined wall-mounted air conditioners equipped with a stylish flat panel blend in with any type of room. The flat panel makes for easy cleaning while various functions provide you with a more comfortable living space.

Energy efficiency and quiet operation

The Super Multi Plus E series outdoor units have been newly designed and use the latest technologies to realise energy saving performance and quiet operation.

High Energy Savings

With DC inverter power control the air conditioner can operate at low capacity most of the time. This is especially important at night in a residential situation when the whole family is at home. DC inverter power control is able to achieve a high COP even when multiple indoor units operate simultaneously for long periods of time.



During night time

RMKS160E	
Master bedroom 3.5 kW class Bedroom (1) 2.5 kW class Bedroom (2) 2.5 kW class	**Power consumption 2,260 W** **COP 3.63**

Quiet operation features that achieve total comfort

Quietness is yet another important feature of Daikin's Super Multi Plus E series. To reduce noise and realise comfortable operation, latest technologies and features are applied to the outdoor units, achieving the quiet operating sound level of 43 dB (A) in night quiet mode.

Night quiet mode

Mode 1. Automatic mode

Operation sound level selectable from 3 steps for the night mode

Set on the outdoor PCB. Time of maximum temperature is memorised. The low operating mode will become active 8 hours*1 after the peak temperature in the daytime, and operation will return to normal 10 hours*2 after that. The operation sound level for the night mode can be selected from 49 dB (A) (Step 1), 46 dB (A) (Step 2) and 43 dB (A) (Step 3).

Mode 2. Manual mode

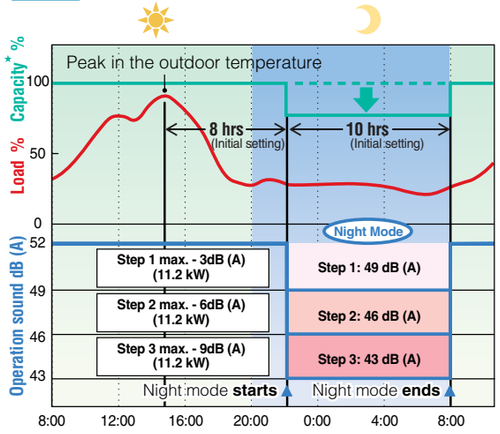
Starting time and ending time can be input. (External control adaptor for outdoor unit, DTA104A61 or DTA104A62, and a subsequently obtained timer are necessary.)

Mode 3. Combined mode

Combination of mode 1 and 2 can be used depending on your needs.

*1. Initial setting. Can be selected from 6, 8 and 10 hours.
*2. Initial setting. Can be selected from 8, 9 and 10 hours.

Mode 1. Automatic mode



Notes: • This function is available in setting at site.
• The relationship of outdoor temperature (load) and time shown in the graph is just an example.
* The capacity reduction rate differs depending on the operation sound level step selected.

A collection of cutting-edge technologies realises efficient and quiet operation.

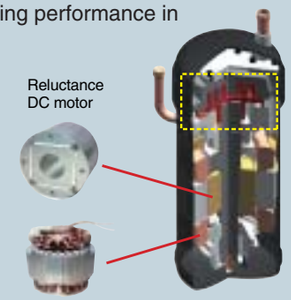
Improving the high efficiency compressor to achieve a high COP

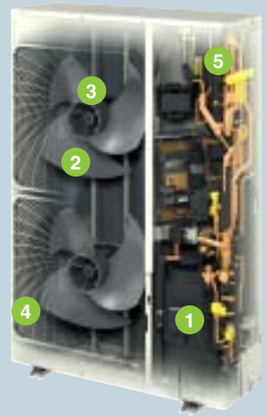
1 Reluctance DC Scroll Compressor

Overheating losses are reduced by pressurising the area around the motor, boosting energy saving performance in conjunction with other features.

High thrust mechanism

By introducing high pressure oil, the reactive force from the fixed scroll is added to the internal force, thereby reducing thrust losses. This results in improved efficiency and suppressed sound levels.

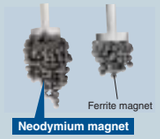




RMKS112E
RMKS140E
RMKS160E

>> Powerful magnets

Use of neodymium magnets in the motor enables efficient generation of high torque, reducing the size of the compressor.



Neodymium magnets are much more powerful than the commonly used ferrite magnets.

>> Smooth sine wave DC inverter

Use of an optimised sine wave smoothes motor rotation, further improving operating efficiency.

>> Stronger materials

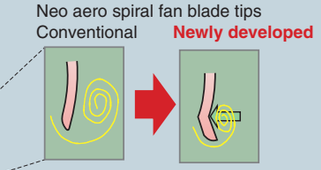
The strength of the casing has been increased by boosting the internal dome pressure.

>> Optimal refrigerant configuration

Changes to the shape of the spiral and volume ratio result in optimal refrigerant layout.

2 Smooth Air Inlet Bell Mouth and Aero Spiral Fan

These two new features work to significantly reduce noise. Guides are added to the bell mouth intake to reduce turbulence in the airflow generated by fan suction. The new Aero Spiral Fan features fan blades with bent blade edges, further reducing turbulence.

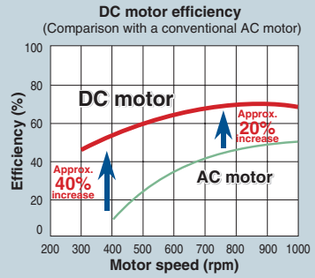


Escaping eddies are sucked in by the bent blade edges, reducing overall turbulence.

3 DC fan motor

Efficiency improved in all areas compared to conventional AC motors, especially at low speeds.

DC fan motor structure



Note: Data are based on studies conducted under controlled conditions at a Daikin laboratory.

4 Super Aero Grille

Refined ventilation mechanism enables further reduction in required fan power.

5 SC heat exchanger

A larger sub-cooled area reduces refrigerant flow sound by making it easer to form a liquid seal in front of the electrical valve.

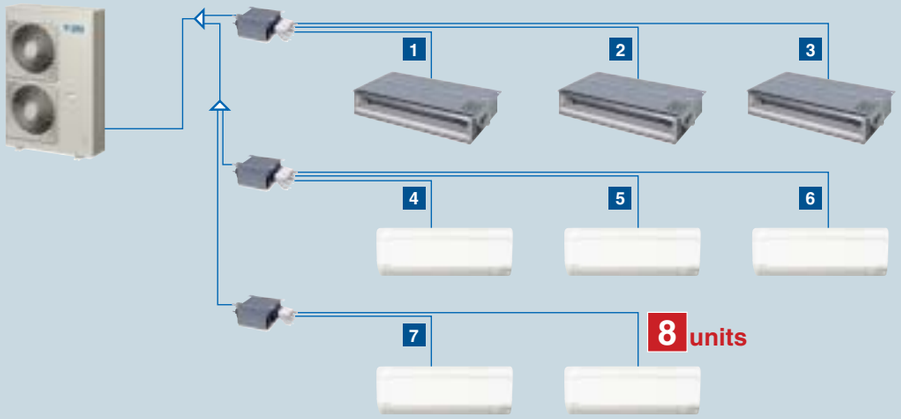
Design flexibility and easy installation

The Super Multi Plus E Series is connectable to up to 8 indoor units. While the BP unit and the REFNET joint make installation simple, long piping length and simplified wiring broaden design flexibility.

As many as 8 indoor units can be connected to a single outdoor unit

Thin refrigerant piping makes handling and connecting easier, resulting in significantly reduced installation time.

For outdoor unit 15.5 kW installation



>> **7 indoor units** for a **14 kW** installation >> **5 indoor units** for a **11.2 kW** installation

BP unit

A BP unit is an innovative development which allows Super Multi Plus outdoor units to be connected to a wide range of different indoor unit types. A BP unit has the ability to precisely vary refrigerant volume to meet the cooling requirements of individual room spaces. The improved BP unit is easier to disassemble, making repairing and recycling simpler.

3 ports BPMKS967B3B

2 ports BPMKS967B2B

REFNET joint

The REFNET joint both reduces the amount of work involved in installation and increases the reliability of the system.

Optional REFNET joint: KHRP26A22T

Long refrigerant piping

A maximum total piping length of 145 m offers flexibility in the choice of installation positions for the indoor units, and greatly simplifies system planning.

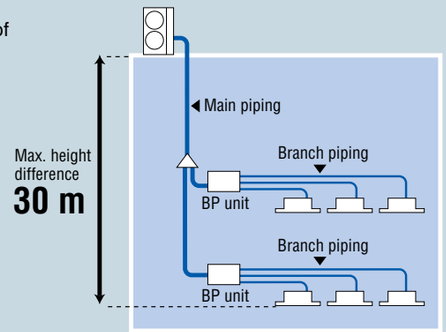
Piping length for RMKS160E

Total main piping length ≤ **55 m**

Total branch piping length ≤ **90 m**

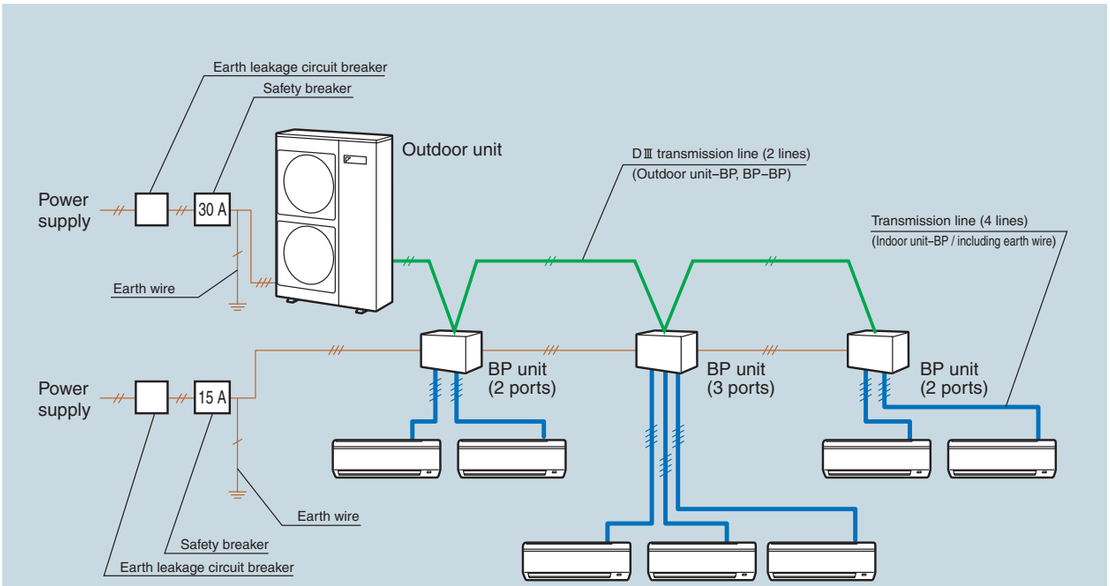
Total main and branch piping length ≤ **145 m (55 + 90)**

Note: Refrigerant charge is required. (See page 23)



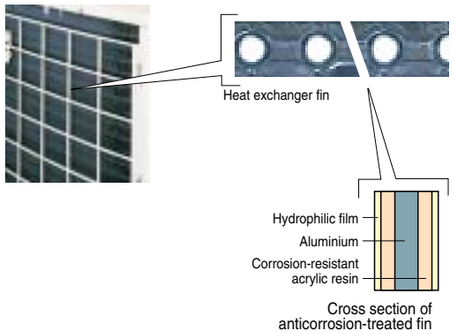
Simplified electrical wiring connection

The outdoor unit and the BP units operate from separate single-phase power supplies, so no power supply wiring is needed between them. The size of the wiring pipe from the outdoor unit to the BP units can be reduced, making installation easier.



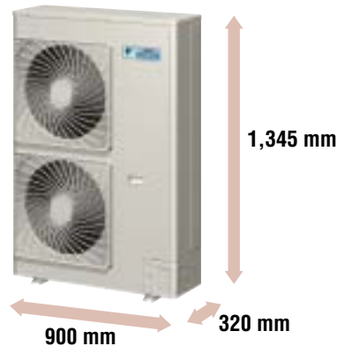
Durable outdoor unit

The outdoor unit's heat exchanger fins are processed using a special anticorrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to acid rain and salt corrosion. A hydrophilic film layer also prevents rust caused by the run off of water droplets. Additional durability is provided by a rustproof steel sheet on the bottom of the unit.



Space saving

A single high-capacity outdoor unit can drive up to 8 indoor units, making it powerful enough to air-condition a whole residence. This powerful unit can be easily installed on a balcony with its slimline design, which measures (H) 1,345 x (W) 900 x (D) 320 mm.



Centralised Control system

Both Super Multi Plus and VRV systems are compatible with the Building Air-Conditioning Control System. This allows Super Multi Plus and VRV units to be conveniently operated from the same common controller when the two systems are installed together in a building.

Central remote controller
DCS302CA61

Central remote controller (option)

64 groups (zones) of indoor units can be controlled individually same as LCD remote controller.

- Max. 64 groups controllable
- Zone control
- Malfunction code display

Unified on/off controller
DCS301BA61

Unified on/off controller (option)

16 groups of indoor units can be operated simultaneously/individually.

- Max. 16 groups controllable
- Operating status indication
- Centralised control indication

Schedule timer
DST301BA61

Schedule timer (option)

128 indoor units can be operated on a 7-day programmed schedule.

- Max. 128 indoor units controllable
- The start and stop time for twice a day can be set for the week in a unit of one minute.

5-room centralised controller
KRC72

5-room centralised controller (option)

5 indoor units can be controlled. This is a low cost system which can only control about on/off.

- Max. 5 indoor units controllable
- Contribute to save energy by eliminating turn-off of lamps.

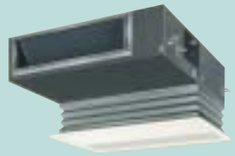
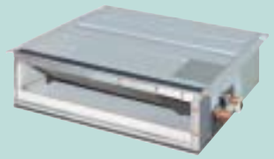
Compatible indoor units

	FCQ, FFQ	FBQ	FDKS	FTKS
Central remote controller*1	●	●	●	●
Unified on/off controller*1	●	●	●	●
Schedule timer*1	●	●	●	●
5-room centralised controller*2			●	●

Notes: *1. An interface adaptor (KRP928B2S or DTA112B51) is also required for each indoor unit.
*2. A wiring adaptor (KRP413A1S) is also required for each indoor unit.

Indoor unit lineup

R-410A

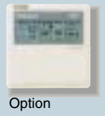
Type	Cooling only					
	Model name	25	35	50	60	71
	Rated capacity (kW)	2.5	3.5	5.0	6.0	7.1
Ceiling-mounted cassette type 600 x 600	**FCQ-BVE**		●	●	●	●
	FFQ-BV1B	●	●	●	●	
Ceiling-mounted built-in type 	**FBQ-BV1**				●	●
Duct-connected type 	**FDKS-EAVMB** (700 mm width type)	●	●			
	FDKS-C(A)VMB (900/1,100 mm width type)	●	●	●	●	
Wall-mounted type	**FTKS-DVM**	●	●			
	FTKS-BVMA			●		
	FTKS-FVM			●	●	●

Ceiling-mounted cassette type

Specially designed for false ceilings—for a smooth, modern interior finish

The ideal air conditioner for installation inside narrow false ceilings—with only the decoration panel visible after installation. A simple design makes it comfortable to the public eye in shops and small offices in tenant buildings, as well as right at home in the living rooms with false ceilings found in multi-storey apartment blocks.

3.5 kW class	5.0 kW class	6.0 kW class	7.1 kW class
FCQ35BVE	FCQ50BVE	FCQ60BVE	FCQ71BVE



Option

Note: Remote controller cables not included. Cables should be obtained locally.

Option

Signal receiver unit

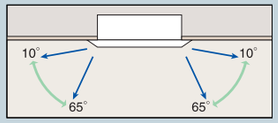
Note: Wireless remote controllers and signal receiver units are sold as a set.

Comfort and quietness

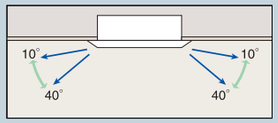
Three convenient patterns for auto-swing operation

Standard: a swing range of 10˚ to 65˚
Draft prevention: a limited swing range of 10˚ to 40˚ prevents airflow from blowing directly onto people.
Soiling prevention: a limited swing range of 30˚ to 65˚ prevents ceilings from becoming dirty due to direct airflow.

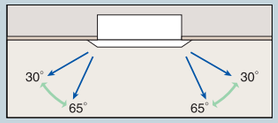
Standard



Draft prevention

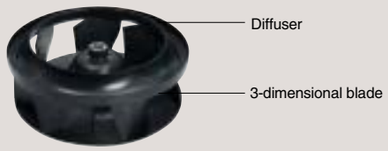


Soiling prevention



Quiet operation

The turbofan was designed using advanced aviation technology to reduce draft resistance inside the unit, achieving quiet sound levels of 33/29 dB (A) to 35/30 dB (A).

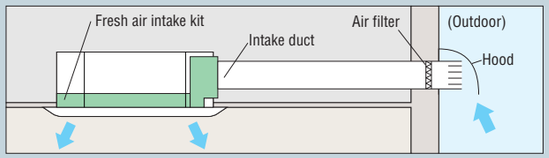


(H/L)

FCQ35B	FCQ50B	FCQ60B	FCQ71B
33/29 dB (A)	33/29 dB (A)	35/30 dB (A)	35/30 dB (A)

Optional fresh air intake kit

Allows fresh air to be circulated using only the fan for improved room ventilation. This is useful in buildings where ventilation fans cannot be installed.

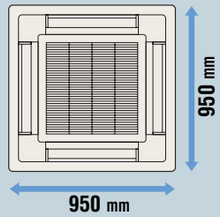


Note: The intake duct, hood, air filter, insect screen, fireproof damper, etc. should be obtained locally if required.

Design flexibility

Compact decoration panel

All models feature a decoration panel with the same compact size and simple design for easier planning of lighting systems and harmonising of interior décor.



Same for all models

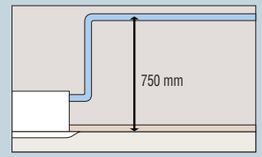
Decoration panel is optional

Light and compact main units

The indoor units weigh only 24 kg and require an installation space with a height of just 245 mm.

High-lift drainpipe

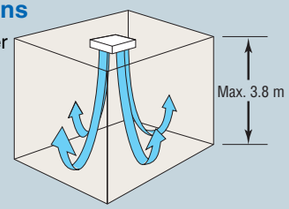
An improved system provides increased lift for the drainpipe of up to 750 mm from the ceiling. This is convenient for multi-storied buildings, which have a large amount of other piping and wiring inside the ceiling.



Installation flexibility

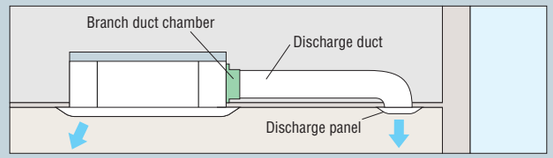
High-ceiling applications

These models have the power to provide a comfortable airflow even with a ceiling height of up to 3.8 m.



Optional branch duct chamber

A chamber can be connected to the air conditioner to provide additional airflow for crowded spaces or areas sensitive to outside temperatures.



Note: The discharge duct, discharge panel, etc. should be obtained locally if required.

600 x 600 Ceiling-mounted cassette type

Compact dimensions suitable for the light commercial market

The ideal air conditioner for installation inside narrow false ceilings—with only the smooth and simply finished decorative panel visible after installation. The compact dimensions are suitable even for the light commercial market as well as for the living rooms with false ceilings found in multi-storey condominiums.

600 x 600

2.5 kW class	3.5 kW class	5.0 kW class	6.0 kW class
FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B

Option

Note: Remote controller cables not included. Cables should be obtained locally.

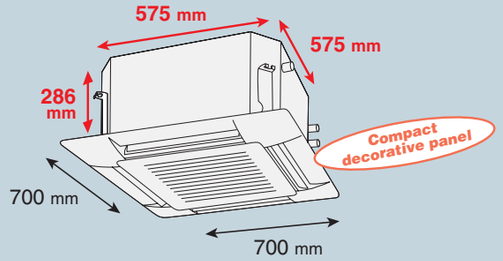
Option

Signal receiver unit

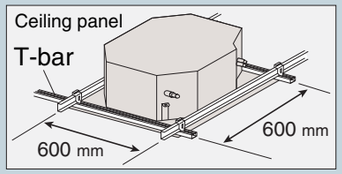
Note: Wireless remote controllers and signal receiver units are sold as a set.

Design flexibility

Designed to fit 600 mm wide ceiling grids perfectly

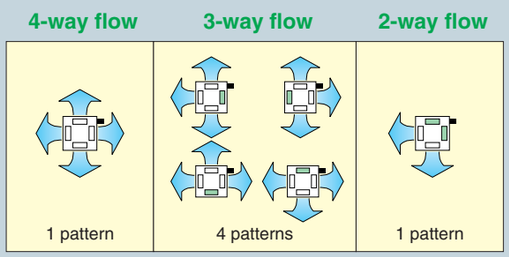


- T-bar grid does not need to be cut.



- Even for modules other than 600 x 600, no inspection opening is required. Maintenance can be performed after simply removing the grille, because the switchbox is built into the unit.

Multi-flow system offers a selection of air discharge patterns that suit all areas.



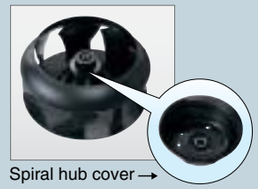
"■" denotes piping direction. "▭" denotes sealing member for air discharge outlet (option).

Note: For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close off the unused outlet(s).

Comfort and quietness

Quiet sound levels of only 24.5 dB (A)

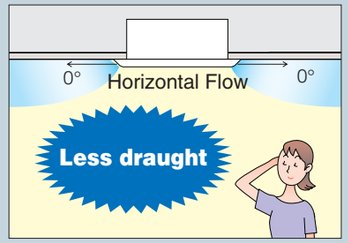
At low fan speeds, the 2.5 kW model produces sound of only 24.5 dB (A), and even the 6.0 kW model as low as 32 dB (A). This is due to a new spiral hub cover that reduces internal airflow resistance.



(H/L)

FFQ25B	FFQ35B	FFQ50B	FFQ60B
29.5/24.5 dB (A)	32/25 dB (A)	36/27 dB (A)	41/32 dB (A)

Low draft performance is designed for your comfort.



Comfortable across all areas

Conditioned air is distributed evenly by Auto-swing operation.

Adjustable air blow angle to suit all room conditions.

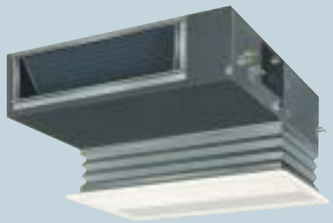
	AUTO-SWING	5 direction
Standard setting	0° 60° Auto-swing between 0° and 60°	0° 60° Settable to 5 different levels between 0° and 60°
Draft prevention setting (Set on site)	0° 35° Auto-swing between 0° and 35°	0° 35° Settable to 5 different levels between 0° and 35°
Setting to prevent soiling of ceiling (Set on site)	25° 60° Auto-swing between 25° and 60°	25° 60° Settable to 5 different levels between 25° and 60°

Note: Angles shown above are provided as a guide. They may differ depending on the installation site.

Ceiling-mounted built-in type

Flexible air discharge unit to fit various forms of space

This ceiling-mounted built-in air conditioner is highly flexible in installation. The visible part is small, with a simple finish that blends in with any type of room.



Option

Note: Remote controller cables not included. Cables should be obtained locally.

6.0 kW class	7.1 kW class
FBQ60BV1	FBQ71BV1

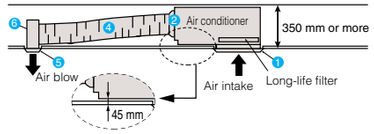
Installation flexibility

Meets diverse installation needs

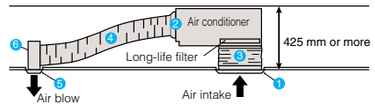
The indoor unit can be installed in rooms with as little as 350 mm between the drop ceiling and ceiling slab. It also works with both flexible and ordinary ducts.

Standard installation examples

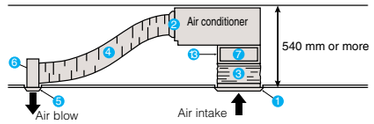
In crawl space



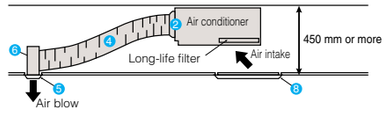
With canvas bellows and air intake panel (sold separately)



With high-efficiency filter



Ceiling return



Ceiling return with high-efficiency filter

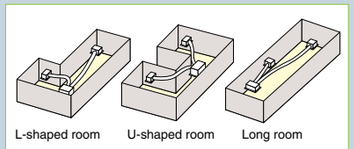
With ordinary ducts

Options

1. Decorative panel
2. Air discharge opening adaptor
3. Canvas bellows and air intake panel
4. Flexible duct
5. Air discharge grille
6. Air discharge chamber
7. High-performance filter
8. Inspection panel
9. Rear intake blocking pad
10. Air discharge opening flange
11. Rear intake filter chamber
12. Branch duct
13. Low-draft filter chamber

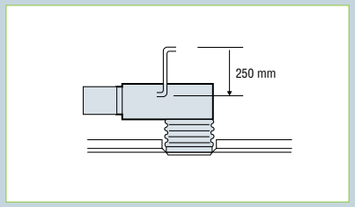
Flexibly adapts to room interiors

To cope with the challenges of L-shaped or U-shaped spaces, it is possible to install the air discharge unit away from the main unit. This extends the possibilities for coping with human gathering patterns or sun lighting. At the same time, different types of architectural space can be kept comfortable.



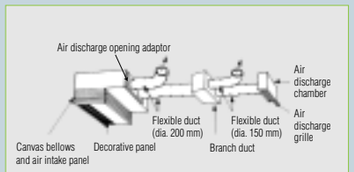
Provided with drain water lift-up mechanism as standard equipment

Drainage pipes can be run as high as 250 mm above the drain outlet.



High-efficiency filter (option)

Available in two types: 65% and 90% colourimetry. This filter easily meets dust collection efficiency regulations specified in building codes.



Comfort and quietness

Quiet operation

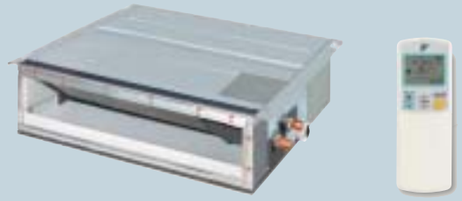
(H/L)

FBQ60B	FBQ71B
41/35 dB (A)	41/35 dB (A)

Duct-connected type

Slim and smooth design suits your shallow ceiling

The visible parts have a smooth and sophisticated finish that blends with any type of interior décor. A wireless remote controller is a standard feature, offering you great convenience.

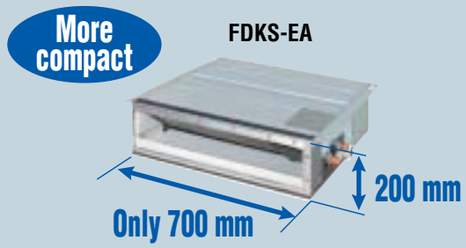


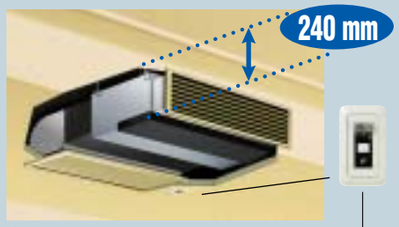
2.5 kW class	3.5 kW class	5.0 kW class	6.0 kW class
〈700 mm width type〉			
FDKS25EAVMB	FDKS35EAVMB		
〈900/1,100 mm width type〉			
FDKS25CAVMB	FDKS35CAVMB	FDKS50CVMB	FDKS60CVMB

Installation flexibility

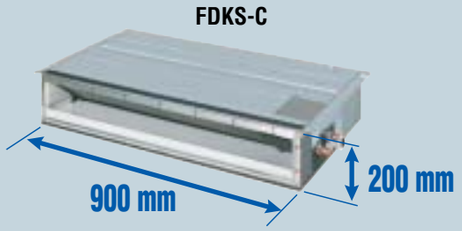
Slim and compact design

Models in the FDKS-EA series are only 700 mm in width and 21 kg in weight, so are easily installed in limited spaces. Just 200 mm in height, all models can be installed in rooms with as little as 240 mm depth between the drop ceiling and ceiling slab, making them ideal for even shallow ceilings.





Signals from the wireless remote controller are transmitted to the signal receiver.



* Width for the FDKS60C model is 1,100 mm.

	FDKS25EA	FDKS35EA	FDKS25CA	FDKS35CA
Dimensions (H x W x D)	200 x 700 x 620 mm		200 x 900 x 620 mm	
Weight	21 kg		25 kg	
Airflow rate (H)	8.7 m^3/min		9.5 m^3/min	10 m^3/min
External static pressure	30 Pa		40 Pa	

Comfort and quietness

Quiet operation

Quiet operation sound level of only 29 dB (A) is achieved.

(H/L/**SL**)

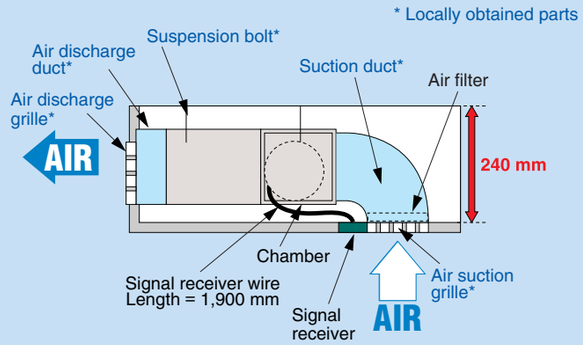
FDKS25	FDKS35	FDKS50	FDKS60
35/31/**29** dB (A)	35/31/**29** dB (A)	37/33/**31** dB (A)	38/34/**32** dB (A)

Home Leave Operation

Home Leave Operation prevents large rises or falls in the indoor temperature by continuing operation* while you are sleeping or out of your home. This means that an air-conditioned welcome awaits when you wake or return. It also means that the indoor temperature can quickly return to your favourite comfort setting.

* Home Leave Operation can be selected for any temperature from 18 to 32˚C for cooling operation and 10 to 30˚C for heating operation.

* Locally obtained parts



Notes: 1. To prevent an increase in operation noise, avoid installing the air suction grille directly below the suction chamber.
2. Grilles, piping connections, ducts, and installation parts should be obtained locally. Duct-connected types do not have drain-up pumps.
3. The signal receiver unit must be located near the air suction inlet, because the unit includes a sensor that detects room temperature.

Wall-mounted type

Stylish flat panel harmonises with your interior décor

The simple and sophisticated flat panel design coordinates smoothly with any type of interior décor. Its refined design and functions provide you with the comfortable living environment you would like.

2.5 kW class	3.5 kW class
FTKS25DVM	FTKS35DVM

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5.0 kW class
FTKS50BVMA

5.0 kW class	6.0 kW class	7.1 kW class
FTKS50FVM	FTKS60FVM	FTKS71FVM

Comfort and quietness

Quiet operation

Wall-mounted type indoor units achieve quiet sound levels of 22 dB (A). (H/L/SL)

FTKS25D	FTKS35D	FTKS50F	FTKS60F	FTKS71F
37/25/22 dB (A)	39/26/23 dB (A)	43/34/31 dB (A)	45/36/33 dB (A)	46/37/34 dB (A)

Intelligent Eye

Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by 2˚C for energy savings of up to 20%.

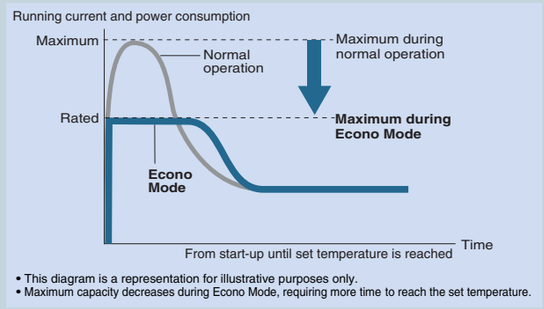
When you are in the room

When you go out

Econo Mode

Econo Mode reduces the maximum running current and the maximum power consumption of the outdoor unit to the rated values. This is useful when using multiple air conditioners and other electrical devices at the same time.

* This function is available for FTKS25/35D.



• This diagram is a representation for illustrative purposes only.
• Maximum capacity decreases during Econo Mode, requiring more time to reach the set temperature.

3-D Airflow

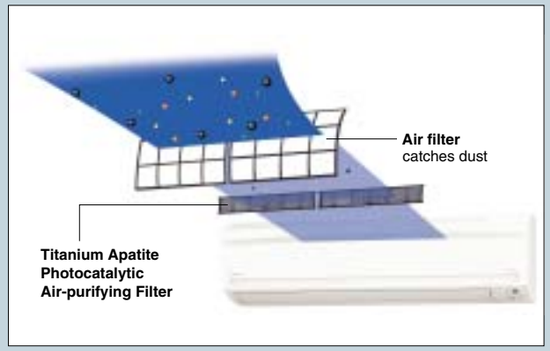
3-D Airflow combines Vertical and Horizontal Auto-Swing to circulate air to every part of a room for uniform cooling of even large spaces.

* This function is available for FTKS50/60/71F.

A uniform temperature is achieved throughout the entire room.

Clean air

Titanium Apatite Photocatalytic Air-Purifying Filter



Titanium apatite is a photocatalytic material with high adsorption power. Besides mould and odours, titanium apatite also effectively adsorbs and decomposes bacteria and viruses across its entire surface. The photocatalyst is activated simply by exposure to light.

These filters are not medical devices. Benefits such as the adsorption and decomposition of bacteria and viruses are only effective for substances that are collected on and in direct contact with the Titanium Apatite Photocatalytic Air-Purifying Filter.

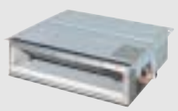
Bacteria Removal Test
Testing method: dropping method
Result certificate: No. 012553-1 and 012553-2
Testing organisation: Japan Spinners Inspecting Foundation

Mould-Proof Operation

When cooling or dry operation is stopped, fan-only operation runs automatically for one hour. This airflow dries the inside of the indoor unit to reduce the generation of mould and the odours caused by mould.

* This function is available for FTKS25/35D.

Function list

Functions \ Models		Cooling only							
		Indoor unit							Outdoor unit
		Ceiling-mounted cassette type		Ceiling-mounted bu ilt-in type	Duct-connected type	Wall-mounted type			
									
		FCQ35/50/60/71B	FFQ25/35/50/60B	FBQ60/71B	FDKS25/35EA, FDKS25/35/50/60C	FTKS25/35D	FTKS50B	FTKS50/60/71F	RMKS112/140/160E
Comfortable airflow	Power-airflow dual flaps					●	●	●	
	Wide-angle louvres					●	●	●	
	Vertical auto-swing (up and down)	●	●			●	●	●	
	Horizontal auto-swing (left and right)						●	●	
	3-D airflow						●	●	
Comfort control	Indoor unit quiet operation				●	●	●	●	
	Night quiet mode								●
	Intelligent eye					●	●	●	
	Programme dry function	●	●	●	●	●	●	●	
	Auto fan speed				●	●	●	●	
Lifestyle convenience	Inverter powerful operation				●	●	●	●	
	Econo mode					●			
	Home leave operation				●		●	●	
	Indoor unit on/off switch				●	●	●	●	
	Signal reception indicator				●	●	●	●	
Cleanliness	Titanium apatite photocatalytic air-purifying filter					●		●	
	Air-purifying filter with photocatalytic deodorising function						●		
	Mould-proof air filter	●	●	●	●	●	●	●	
	Long-life air filter	●	●	●					
	High-efficiency filter kit (option)	●		●					
	Fresh air intake kit (option)	●	●						
	Mould-proof operation					●			
	Wipe-clean flat panel					●	●	●	
	Filter cleaning indicator	●	●	●					
Timers	24-hour on/off timer				●	●	●	●	
	72-hour on/off timer	●	●	●					
	Night set mode				●	●	●	●	
Worry free	Auto-restart after power failure	●	●	●	●	●	●	●	
	Self-diagnosis with digital display	●	●	●	●	●	●	●	
	Anticorrosion treatment of outdoor heat exchanger fins								●
Flexibility	High-ceiling application	●							
	Flexible voltage correspondence				●	●	●	●	
	Drain water lift-up mechanism	●	●	●					
	Ceiling soiling prevention	●	●						

Specifications

Outdoor unit

Outdoor unit

			Cooling only		
Model name			**RMKS112EVM**	**RMKS140EVM**	**RMKS160EVM**
Power supply			1 phase, 220-230 V, 50/60 Hz		
Capacity (rated)		kW	11.2	14.0	15.5
Total indoor unit capacity		kW	5.5 to 14.5	7.0 to 18.2	8.0 to 20.8
Number of indoor units to be connected			5	7	8
Number of BP to be connected			3		
Casing colour			Ivory white		
Compressor	Type		Hermetically sealed scroll type		
	Motor output	kW	2.5	3.0	3.5
Airflow rates (H)		m^3/min (cfm)	106 (3,742)		
Refrigerant	Type		R-410A		
	Charge	kg	4.0		
Refrigerant oil	Model		DAPHNE FVC68D		
	Charge	ℓ	1.5		
Sound levels		dB (A)	52	53	54
Dimensions (H x W x D)		mm	1,345 x 900 x 320		
Machine weight		kg	125		
Operation range		˚CDB	-5 to 46		
Number of wiring connections			3 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP)		
Piping connections	Liquid (flare)	mm	ø9.5		
	Gas (brazing)	mm	ø19.1		
	Drain	mm	ø18.0		
Max. interunit piping length	Total main piping and branch piping	m	115	135	145
	Total main piping	m	55		
	Total branch piping	m	60	80	90
	Max. length for each	m	15		
Necessity of additional charge		kg/m	Necessary*		
Max. height difference		m	Between indoor or BP unit and outdoor unit: 30		
		m	Between indoor and BP unit: 15		

Note: * Refrigerant charge is required. (Chargeless piping length 0 m)
Formula for calculation charge: R (kg)
R = Total length (m) of liquid pipe size at ø9.5 x 0.054 + Total length (m) of liquid piping size at ø6.4 x 0.022

Measurement conditions
1. Data is based on the following conditions: indoor temp. 27˚CDB, 19˚CWB; outdoor temp. 35˚CDB.
2. Sound levels are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Indoor unit

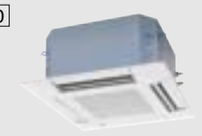
Ceiling-mounted cassette type

			Cooling only			
Model name			**FCQ35BVE**	**FCQ50BVE**	**FCQ60BVE**	**FCQ71BVE**
Power supply			1 phase, 220-240 V/220 V, 50/60 Hz			
Airflow rates (H)		m^3/min (cfm)	14.0 (494)	15.0 (530)	19.0 (671)	
Sound levels (H/L)*		dB (A)	33/29		35/30	
Fan speed			2 steps			
Temperature control			Microcomputer control			
Unit dimensions (H x W x D)		mm	230 x 840 x 840			
Machine weight		kg	24			
Piping connections	Liquid (flare)	mm	ø6.4			ø9.5
	Gas (flare)	mm	ø9.5	ø12.7		ø15.9
	Drain	mm	I.D ø25 x O.D ø32			
Heat insulation			Both liquid and gas pipes			
Panel (option)	Model		BYC125K-W1			
	Colour		White			
	Dimensions (H x W x D)	mm	40 x 950 x 950			
	Weight	kg	5			

Note: * For 220 V operation.

600 x 600 Ceiling-mounted cassette type

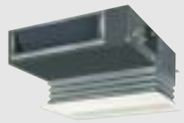
600 x 600



			Cooling only			
Model name			**FFQ25BV1B**	**FFQ35BV1B**	**FFQ50BV1B**	**FFQ60BV1B**
Power supply			1 phase, 220-240 V, 50 Hz			
Airflow rates (H)		m^3/min (cfm)	9.0 (318)	10.0 (353)	12.0 (424)	15.0 (530)
Sound levels (H/L)*		dB (A)	29.5/24.5	32/25	36/27	41/32
Fan speed			2 steps			
Temperature control			Microcomputer control			
Unit dimensions (H x W x D)		mm	286 x 575 x 575			
Machine weight		kg	17.5			
Piping connections	Liquid (flare)	mm	ø6.4			
	Gas (flare)	mm	ø9.5		ø12.7	
	Drain	mm	VP20 (External Dia. 26/Internal Dia. 20)			
Heat insulation			Both liquid and gas pipes			
Panel (option)	Model		BYFQ60B8W1			
	Colour		White			
	Dimensions (H x W x D)	mm	55 x 700 x 700			
	Weight	kg	2.7			

Note: * Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

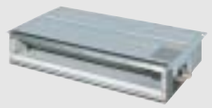
Ceiling-mounted built-in type



			Cooling only	
Model name			**FBQ60BV1**	**FBQ71BV1**
Power supply			1 phase, 220-240 V, 50 Hz	
Airflow rates (H)	m^3/min (cfm)		17.0 (600)	19.0 (670)
Sound levels (H/L)*		dB (A)	41/35	
Fan speed			2 steps	
Temperature control			Microcomputer control	
Dimensions (H x W x D)		mm	300 x 1,000 x 800	
Machine weight		kg	41	
Piping connections	Liquid (flare)	mm	ø6.4	ø9.5
	Gas (flare)	mm	ø12.7	ø15.9
	Drain	mm	I.D ø25 x O.D ø32	
Heat insulation			Both liquid and gas pipes	
Panel (option)	Model		BYBS71DJW1	
	Colour		White	
	Dimensions (H x W x D)	mm	55 x 1,100 x 500	
	Weight	kg	4.5	

Note: * For 220 V operation.

Duct-connected type



			Cooling only				
Model name			**FDKS25EAVMB**	**FDKS35EAVMB**	**FDKS25CAVMB**	**FDKS35CAVMB**	**FDKS50CVMB**	**FDKS60CVMB**
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz					
Airflow rates (H)	m^3/min (cfm)		8.7 (307)		9.5 (335)	10.0 (353)	12.0 (424)	16.0 (565)
Sound levels (H/L/SL)*		dB (A)	35/31/29				37/33/31	38/34/32
Fan speed			5 steps, quiet and automatic					
Temperature control			Microcomputer control					
Dimensions (H x W x D)		mm	200 x 700 x 620		200 x 900 x 620			200 x 1,100 x 620
Machine weight		kg	21		25		27	30
Piping connections	Liquid (flare)	mm	ø6.4					
	Gas (flare)	mm	ø9.5				ø12.7	ø15.9
	Drain	mm	VP 20 (External Dia. 26/Internal Dia. 20)					
Heat insulation			Both liquid and gas pipes					
External static pressure		Pa	30		40			

Note: * The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for FDKS-EA and 40 Pa for FDKS-C. Sound level values for bottom-suction operation can be obtained by adding 6 dB for FDKS-EA and 5 dB for FDKS-C.

Wall-mounted type

			Cooling only					
Model name			**FTKS25DVM**	**FTKS35DVM**	**FTKS50BVMA**	**FTKS50FVM**	**FTKS60FVM**	**FTKS71FVM**
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz					
Front panel colour			White					
Airflow rates (H)	m^3/min (cfm)		8.7 (307)	8.9 (314)	11.4 (402)	14.7 (519)	16.2 (572)	17.4 (614)
Sound levels (H/L/SL)		dB (A)	37/25/22	39/26/23	44/35/32	43/34/31	45/36/33	46/37/34
Fan speed			5 steps, quiet and automatic					
Temperature control			Microcomputer control					
Dimensions (H x W x D)		mm	283 x 800 x 195		290 x 795 x 238	290 x 1,050 x 238		
Machine weight		kg	9			12		
Piping connections	Liquid (flare)	mm	ø6.4					
	Gas (flare)	mm	ø9.5		ø12.7			ø15.9
	Drain	mm	ø18.0					
Heat insulation			Both liquid and gas pipes					

BP unit

			3 ports (connectable to 1–3 indoor units)	2 ports (connectable to 1–2 indoor units)
Model name			**BPMKS967B3B**	**BPMKS967B2B**
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz	
Power consumption		W	10	
Running current		A	0.05	
Dimensions (H x W x D)		mm	180 x 294 (+356*) x 350	
Machine weight		kg	8	7.5
Number of wiring connections			3 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 4 for interunit wiring (BP-indoor unit)	
Piping connections (Brazing)	Liquid	Main	mm	ø9.5 x 1	
		Branch	mm	ø6.4 x 3	ø6.4 x 2
	Gas	Main	mm	ø19.1 x 1	
		Branch	mm	ø15.9 x 3	ø15.9 x 2
Heat insulation				Both liquid and gas pipes	
Connectable indoor units				2.5 kW class to 7.1 kW class	
Min. rated capacity of connectable indoor units			kW	2.5	
Max. rated capacity of connectable indoor units			kW	20.8	14.2

Note: * Total auxiliary piping length.

Options

Outdoor unit

No.	Item	RMKS112EVM	RMKS140EVM	RMKS160EVM
1	Central drain plug	KKPJ5F180		
2	Air direction adjustment grille	KPW945A4		

Indoor unit

Ceiling-mounted cassette type

No.	Item			FCQ35BVE	FCQ50BVE	FCQ60BVE	FCQ71BVE
1	Decoration panel			BYC125K-W1			
2	Panel spacer			KDBP55H160WA			
3	Fresh air intake kit	Chamber type	Without T-shaped pipe and fan*1	KDDP55D160			
			With T-shaped pipe, without fan*2	KDDP55D160K			
		Direct installation type*3		KDDJ55X160			
4	High-efficiency filter	(Colourimetric method 65%)		KAFP556D80			
		(Colourimetric method 90%)		KAFP557D80			
5	Replacement high-efficiency filter	(Colourimetric method 65%)		KAFP552H80			
		(Colourimetric method 90%)		KAFP553H80			
6	High-efficiency filter chamber			KDDFP55D160			
7	Replacement long-life filter			KAFJ551K160			
8	Branch duct chamber			KDJ55K80			
9	Remote controller	Wired type		BRC1C61			
		Wireless type		BRC7C613W			
10	Group control adaptor*4			KRP4A53			
11	Wiring adaptor for electrical appendices*4			KRP1B57			
12	Installation box for adaptor PCB			KRP1B98			

Notes:
*1. With a suction chamber. Fresh air intake is from 2 holes on the sides of the connection chamber. (This method should be selected if a wireless remote controller is used.)
*2. Without a suction chamber. Fresh air intake is from 2 holes on the connection chamber via a T-shaped pipe connection. (A wireless remote controller cannot be used in this case.)
*3. Without a suction chamber. Fresh air intake is directly from a hole on the main unit.
*4. Installation box for adaptor PCB (KRP1B98) is necessary.

Ceiling-mounted cassette type (600 x 600)

No.	Item		FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B
1	Decoration panel		BYFQ60B8W1			
2	Remote controller	Wired type*1	BRC1C61			
		Wireless type	BRC7E531W			
3	Adaptor for wiring*2		KRP1BA57			
4	Wiring adaptor for electrical appendices*2		KRP4AA53			
5	Installation box for adaptor PCB		KRP1BA101			
6	Remote sensor (for indoor temperature)		KRCS01-1B			
7	Replacement long-life filter		KAFQ441B60			
8	Fresh air intake kit	Direct installation type	KDDQ44X60			
9	Sealing member for air discharge outlet		KDBHQ44B60			
10	Panel spacer		KDBQ44B60A			

Notes: *1. Wiring for wired remote controller should be obtained locally.
*2. Installation box for adaptor PCB (KRP1BA101) is necessary.

Ceiling-mounted built-in type

No.	Item		FBQ60BV1	FBQ71BV1
1	Decoration panel		BYBS71DJW1	
2	Service access panel		KTBJ25L80W	
3	High-efficiency filter	(Colourimetric method 65%)	KAFJ252L80	
		(Colourimetric method 90%)	KAFJ253L80	
4	Replacement long-life filter	Resin net	KAFJ251K80	
5	Filter chamber for bottom suction		KAJ25L80D	
6	Filter chamber for rear suction		KAJ25L80B	
7	Canvas duct		KSAJ25K80	
8	Discharge grille	ø150	K-DG5DW	
		ø200	K-DG9DW	
9	Discharge chamber	ø150	K-DGC5D	
		ø200	K-DGC9D	
10	Branch duct	ø150 → ø200	K-DDV20A	
11	Flexible duct	ø150	K-FDS151C(1m)/K-FDS152C(2m)/K-FDS153C(3m)/K-FDS154C(4m)/K-FDS155C(5m)/K-FDS156C(6m)	
		ø200	K-FDS201C(1m)/K-FDS202C(2m)/K-FDS203C(3m)/K-FDS204C(4m)/K-FDS205C(5m)/K-FDS206C(6m)	
12	Blind board		KBBJ25K80	
13	Adaptor for discharge		KDAJ25K71	
14	Flange for suction		KDJ2507K80	
15	Remote controller	Wired type	BRC1C61	
16	Adaptor for wiring (Interlock for fresh air intake fan)		KRP1B54	
17	Group control adaptor		KRP4A51	

Duct-connected type

No.	Item	FDKS25EAVMB	FDKS35EAVMB	FDKS25CAVMB	FDKS35CAVMB	FDKS50CVMB	FDKS60CVMB
1	5-room centralised controller*1	KRC72					
2	Wiring adaptor for time clock/remote controller*2 (Normal open pulse contact/normal open contact)	KRP413A1S					
3	Remote controller loss prevention chain	KKF917A4					
4	Suction grille	KDGF19A45					
5	Insulation kit for high humidity	KDT25N32		KDT25N50			KDT25N63

Notes:
*1. A wiring adaptor (KRP413A1S) is also required for each indoor unit.
*2. Time clock and other devices should be obtained locally.

Wall-mounted type

No.	Item	FTKS25DVM	FTKS35DVM	FTKS50BVMA	FTKS50FVM	FTKS60FVM	FTKS71FVM
1	5-room centralised controller*1	KRC72					
2	Wiring adaptor for time clock/remote controller*2 (Normal open pulse contact/normal open contact)	KRP413A1S					
3	Titanium apatite photocatalytic air-purifying filter*3	KAF970A46		—	KAF952B42		
4	Air-purifying filter with photocatalytic deodorising function*3	—		KAF952A42	—		
5	Remote controller loss prevention chain	KKF917A4					

Notes:
*1. A wiring adaptor (KRP413A1S) is also required for each indoor unit.
*2. Time clock and other devices should be obtained locally.
*3. Filter is a standard accessory. It should be replaced approximately 3 years.

BP unit

No.	Item	BPMKS967B2B	BPMKS967B3B
1	REFNET joint	KHRP26A22T	

Note:
A single BP unit does not require a REFNET joint. 2 BP units require only 1 REFNET joint, and 3 BP units require only 2 REFNET joints.

Control system

No.	Item		Model No.
1	Central remote controller*		DCS302CA61
2	Unified on/off controller*		DCS301BA61
3	Schedule timer*		DST301BA61
4	Interface adaptor (For DIII-NET use)	FTKS-D/B/F, FDKS-EA/C	KRP928B2S
		FCQ-B, FFQ-B, FBQ-B	DTA112B51

Note:
* An interface adaptor (KRP928B2S or DTA112B51) is also required for each indoor unit.

Selection Procedure

Outdoor unit RMKS160E

Number of indoor units

2 to **8** units

Total indoor unit capacity

8.0 to **20.8** kW

Number of BP units

1 to **3** units

Number of REFNET joints

Number of BP units		
	1	Unnecessary
	2	KHRP26A22T x 1
	3	KHRP26A22T x 2

Indoor unit model name	FTKS-D/B/F, FDKS-EA/C, FCQ-B, FFQ-B, FBQ-B				
	25	35	50	60	71
Rated capacity (kW)	2.5	3.5	5.0	6.0	7.1

Capacity Tables

Cooling capacity

RMKS112EVM

Total indoor unit capacity (kW)	Cooling capacity (kW)	Power consumption (kW)
5.5	5.6	1.68
5.6	5.7	1.71
5.7	5.8	1.75
5.8	5.9	1.78
5.9	6.0	1.81
6.0	6.1	1.85
6.1	6.2	1.88
6.2	6.3	1.91
6.3	6.4	1.95
6.4	6.5	1.98
6.5	6.6	2.01
6.6	6.7	2.05
6.7	6.8	2.08
6.8	6.9	2.11
6.9	7.0	2.14
7.0	7.1	2.18
7.1	7.2	2.21
7.2	7.3	2.24
7.3	7.4	2.28
7.4	7.5	2.31
7.5	7.6	2.34
7.6	7.7	2.38
7.7	7.8	2.41
7.8	7.9	2.44
7.9	8.0	2.48
8.0	8.1	2.51
8.1	8.2	2.54
8.2	8.3	2.57
8.3	8.5	2.61
8.4	8.6	2.64
8.5	8.7	2.67
8.6	8.8	2.71
8.7	8.9	2.74
8.8	9.0	2.77
8.9	9.1	2.81
9.0	9.2	2.84
9.1	9.3	2.87
9.2	9.4	2.90
9.3	9.5	2.94
9.4	9.6	2.97
9.5	9.7	3.00
9.6	9.8	3.04
9.7	9.9	3.07
9.8	10.0	3.10
9.9	10.1	3.14
10.0	10.2	3.17
10.1	10.3	3.20
10.2	10.4	3.24
10.3	10.5	3.27
10.4	10.6	3.30
10.5	10.7	3.33
10.6	10.8	3.37
10.7	10.9	3.40
10.8	11.0	3.43
10.9	11.1	3.47
11.0	11.2	3.50
11.1	11.3	3.53
11.2	11.4	3.57
11.3	11.5	3.60
11.4	11.6	3.63
11.5	11.7	3.67
11.6	11.8	3.70
11.7	11.9	3.73
11.8	12.0	3.76
11.9	12.1	3.80
12.0	12.2	3.83
12.1	12.3	3.86
12.2	12.4	3.90
12.3	12.5	3.93
12.4	12.6	3.96
12.5	12.7	4.00
12.6	12.7	4.00
12.7	12.8	4.01
12.8	12.8	4.02
12.9	12.8	4.02
13.0	12.8	4.03
13.1	12.8	4.04
13.2	12.9	4.05
13.3	12.9	4.05
13.4	12.9	4.06
13.5	12.9	4.07
13.6	12.9	4.07
13.7	13.0	4.08
13.8	13.0	4.09
13.9	13.0	4.10
14.0	13.0	4.10
14.1	13.0	4.11
14.2	13.0	4.12
14.3	13.1	4.12
14.4	13.1	4.13
14.5	13.1	4.14

RMKS140EVM

Total indoor unit capacity (kW)	Cooling capacity (kW)	Power consumption (kW)
7.0	6.9	1.80
7.1	7.0	1.84
7.2	7.1	1.87
7.3	7.2	1.91
7.4	7.3	1.95
7.5	7.4	1.98
7.6	7.5	2.02
7.7	7.6	2.06
7.8	7.7	2.10
7.9	7.8	2.13
8.0	7.9	2.17
8.1	8.0	2.21
8.2	8.1	2.25
8.3	8.2	2.28
8.4	8.3	2.32
8.5	8.4	2.36
8.6	8.5	2.40
8.7	8.6	2.43
8.8	8.7	2.47
8.9	8.8	2.51
9.0	8.9	2.54
9.1	9.0	2.58
9.2	9.1	2.62
9.3	9.2	2.66
9.4	9.3	2.69
9.5	9.4	2.73
9.6	9.5	2.77
9.7	9.6	2.81
9.8	9.7	2.84
9.9	9.8	2.88
10.0	9.9	2.92
10.1	10.0	2.96
10.2	10.1	2.99
10.3	10.2	3.03
10.4	10.3	3.07
10.5	10.4	3.10
10.6	10.5	3.14
10.7	10.5	3.18
10.8	10.6	3.22
10.9	10.7	3.25
11.0	10.8	3.29
11.1	10.9	3.33
11.2	11.0	3.37
11.3	11.1	3.40
11.4	11.2	3.44
11.5	11.3	3.48
11.6	11.4	3.52
11.7	11.5	3.55
11.8	11.6	3.59
11.9	11.7	3.63
12.0	11.8	3.67
12.1	11.9	3.70
12.2	12.0	3.74
12.3	12.1	3.78
12.4	12.2	3.81
12.5	12.3	3.85
12.6	12.4	3.89
12.7	12.5	3.93
12.8	12.6	3.96
12.9	12.7	4.00
13.0	12.8	4.04
13.1	12.9	4.08
13.2	13.0	4.11
13.3	13.1	4.15
13.4	13.2	4.19
13.5	13.3	4.23
13.6	13.4	4.26
13.7	13.5	4.30
13.8	13.6	4.34
13.9	13.7	4.37
14.0	13.8	4.41
14.1	13.9	4.45
14.2	14.0	4.49
14.3	14.1	4.52
14.4	14.2	4.56
14.5	14.3	4.60
14.6	14.4	4.64
14.7	14.5	4.67
14.8	14.6	4.71
14.9	14.7	4.75
15.0	14.8	4.79
15.1	14.8	4.79
15.2	14.8	4.80
15.3	14.8	4.80
15.4	14.8	4.81
15.5	14.9	4.82
15.6	14.9	4.82
15.7	14.9	4.83
15.8	14.9	4.84
15.9	14.9	4.84
16.0	14.9	4.85
16.1	14.9	4.86
16.2	15.0	4.86
16.3	15.0	4.87
16.4	15.0	4.88
16.5	15.0	4.88
16.6	15.0	4.89
16.7	15.0	4.90
16.8	15.0	4.90
16.9	15.1	4.91
17.0	15.1	4.91
17.1	15.1	4.92
17.2	15.1	4.93
17.3	15.1	4.93
17.4	15.1	4.94
17.5	15.1	4.95
17.6	15.1	4.95
17.7	15.2	4.96
17.8	15.2	4.97
17.9	15.2	4.97
18.0	15.2	4.98
18.1	15.2	4.99
18.2	15.2	4.99

Cooling capacity

RMKS160EVM

Total indoor unit capacity (kW)	Cooling capacity (kW)	Power consumption (kW)
8.0	7.8	2.04
8.1	7.8	2.09
8.2	7.9	2.13
8.3	8.0	2.17
8.4	8.1	2.21
8.5	8.2	2.26
8.6	8.3	2.30
8.7	8.4	2.34
8.8	8.5	2.39
8.9	8.6	2.43
9.0	8.7	2.47
9.1	8.8	2.51
9.2	8.9	2.56
9.3	9.0	2.60
9.4	9.1	2.64
9.5	9.2	2.68
9.6	9.3	2.73
9.7	9.4	2.77
9.8	9.5	2.81
9.9	9.6	2.85
10.0	9.7	2.90
10.1	9.8	2.94
10.2	9.9	2.98
10.3	10.0	3.03
10.4	10.1	3.07
10.5	10.2	3.11
10.6	10.3	3.15
10.7	10.4	3.20
10.8	10.5	3.24
10.9	10.6	3.28
11.0	10.7	3.32
11.1	10.8	3.37
11.2	10.9	3.41
11.3	10.9	3.45
11.4	11.0	3.50
11.5	11.1	3.54
11.6	11.2	3.58
11.7	11.3	3.62
11.8	11.4	3.67
11.9	11.5	3.71
12.0	11.6	3.75
12.1	11.7	3.79
12.2	11.8	3.84
12.3	11.9	3.88
12.4	12.0	3.92
12.5	12.1	3.96
12.6	12.2	4.01
12.7	12.3	4.05
12.8	12.4	4.09
12.9	12.5	4.14
13.0	12.6	4.18
13.1	12.7	4.22
13.2	12.8	4.26
13.3	12.9	4.31
13.4	13.0	4.35
13.5	13.1	4.39
13.6	13.2	4.43
13.7	13.3	4.48
13.8	13.4	4.52
13.9	13.5	4.56
14.0	13.6	4.60
14.1	13.7	4.65
14.2	13.8	4.69
14.3	13.9	4.73
14.4	14.0	4.78
14.5	14.0	4.82
14.6	14.1	4.86
14.7	14.2	4.90
14.8	14.3	4.95
14.9	14.4	4.99
15.0	14.5	5.03
15.1	14.6	5.07
15.2	14.7	5.12
15.3	14.8	5.16
15.4	14.9	5.20
15.5	15.0	5.25
15.6	15.1	5.29
15.7	15.2	5.33
15.8	15.3	5.37
15.9	15.4	5.42
16.0	15.5	5.46
16.1	15.5	5.46
16.2	15.5	5.46
16.3	15.6	5.46
16.4	15.6	5.46
16.5	15.6	5.46
16.6	15.6	5.46
16.7	15.6	5.46
16.8	15.6	5.46
16.9	15.7	5.46
17.0	15.7	5.46
17.1	15.7	5.46
17.2	15.7	5.46
17.3	15.7	5.46
17.4	15.8	5.47
17.5	15.8	5.47
17.6	15.8	5.47
17.7	15.8	5.47
17.8	15.8	5.47
17.9	15.8	5.47
18.0	15.9	5.47
18.1	15.9	5.47
18.2	15.9	5.47
18.3	15.9	5.47
18.4	15.9	5.47
18.5	16.0	5.47
18.6	16.0	5.47
18.7	16.0	5.47
18.8	16.0	5.47
18.9	16.0	5.47
19.0	16.0	5.47
19.1	16.1	5.47
19.2	16.1	5.48
19.3	16.1	5.48
19.4	16.1	5.48
19.5	16.1	5.48
19.6	16.2	5.48
19.7	16.2	5.48
19.8	16.2	5.48
19.9	16.2	5.48
20.0	16.2	5.48
20.1	16.2	5.48
20.2	16.3	5.48
20.3	16.3	5.48
20.4	16.3	5.48
20.5	16.3	5.48
20.6	16.3	5.48
20.7	16.4	5.48
20.8	16.4	5.48

Note:
Data is based on the following conditions: indoor temp. 27˚CDB, 19˚CWB; outdoor temp. 35˚CDB.
The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant. Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.